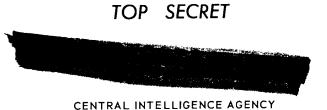
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TCS-84011/65 May 1965

PHOTOGRAPHIC INTELLIGENCE REPORT

# AIRCRAFT ENGINE PLANT NO 45 MOSCOW, USSR



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PHOTOGRAPHIC INTELLIGENCE DIVISION

DDR \_ DUPE

TOP SECRET

GROUP | Excluded from automatic downgrading and declassification



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#### AIRCRAFT ENGINE PLANT NO 45, MOSCOW, USSR

25X1 Aircraft Engine Plant No 45 plant, and 3 existing facilities have been ex-25X1 is located on the easternedge of Moscow, panded. A fuel blending facility (item 1) and a shipment building (item 16) have been con-3.5 nautical miles east-northeast of the center of the city at 55-46-20N 37-43-15E (Figure 1). structed. A storage building (item 18) has been enlarged, and 9,900 square feet have been added The plant is surrounded by a wall and is served to an existing workshop (item 19). A total of by rail spurs from the Moscow-Voskresensk rail line. Item numbers which are keyed to Ta-27,700 square feet of floorspace has been added ble 1 appear in Figure 4. to the north end of an assembly building (item 2), and 12,600 square feet have been removed (Figure 2) the plant con-25X1 25X1 from the west side of this building. tained 2,130,080 square feet of floorspace. A 12 of the original 32 U-type test cells in 25X1 comparison of that photography with KEYHOLE 25X1 photography of (Figure 3) rethis assembly building were being converted vealed that 109,045 square feet of floorspace to L-type test cells, and 4 in the outside bank 25X1 had been added to the plant. By of test cells were probably being removed. 25X1 the total floorspace in the plant was ap-With the exception of the assembly building, all buildings in the plant were complete when proximately 2,239,125 square feet. 25X1 l building has been added to the observed in

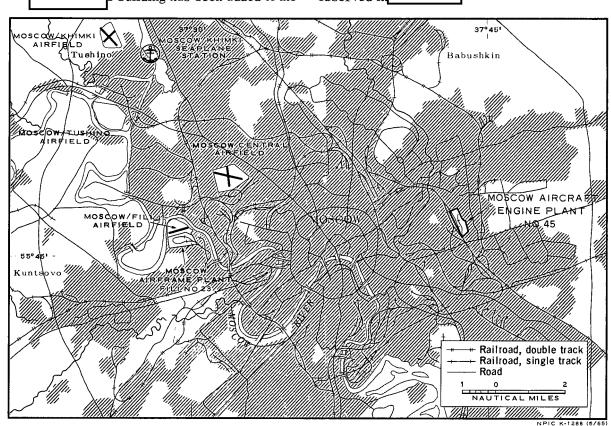


FIGURE 1. LOCATION MAP.

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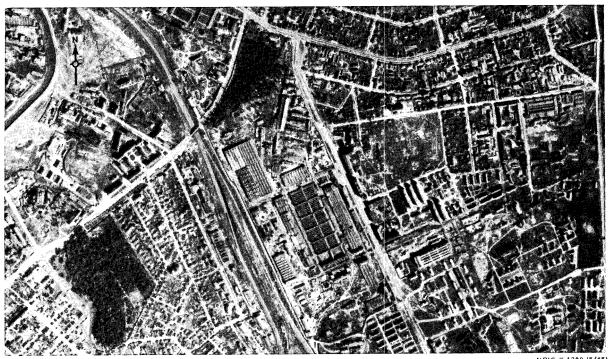


FIGURE 2. MOSCOW AIRCRAFT ENGINE PLANT NO 45,



FIGURE 3. MOSCOW AIRCRAFT ENGINE PLANT NO 45

25X1

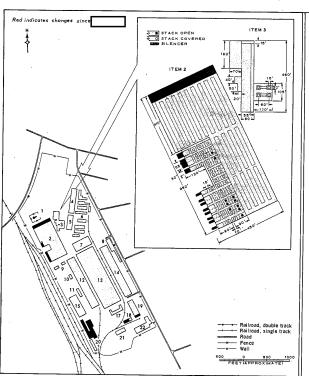
25X1

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Item No	Description	Dimensions* (ft)	Floorspace (sq ft)
1	Fuel blending facility		-
2	Assembly bldg & 28 test cells	Irregular	398,500
3	Assembly bldg & 2 U-type test cells	Irregular	63,550
4	Warehouse	540 x 120	64,800
5	Assembly bldg & 1 U-type test cell	290 x 100	29,000
6	Shops (9)		115,550
7	Subassembly bldg	395 x 200	79,000
8	Administration bldg, 1-3 stories	Irregular	95,025
9	Workshops (2)		18,550
10	Probable steamplant	175 x 70	12,250
11.	Storage bldg	205 x 60	12,300
12	Workshop	- 1,175 x 175	205,625
13	Machine shop	1,320 x 410	541,200
14	Workshop	1,200 x 175	210,000
15	Workshop	470 x 180	. 84,600
16 ·	Shipment bldg	Irregular	71,775
17	Administration bldg, U-shaped, multistory	Irregular	59,100
18	Storage bldg	210 × 55	11,550
19	Workshop	425 × 180	76,500
20	Storage bldg	250 x 40	10,000
21	Storage bidg	240 x 60	14,400
22	Subassembly bldg	Irregular	65,850
	. Total floorspace of plant in 1964		2,239,125

FIGURE 4. LAYOUT OF MOSCOW AIRCRAFT ENGINE PLANT NO 45.

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25X1

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REFERENCES

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MAPS OR CHARTS

ACIC. US Target Complex Mosaic, Series 25, Sheet 0167-9998-3-25MA, 2d ed, Dec 53, scale 1:25,000 (SECRET)

ACIS. USAF Target Mosaic, Series 10, Sheet 0167-0044-10MA, 1st ed, Feb 51, scale 1:10,000 (SECRET)

REQUIREMENT

CIA. C-RR4-81,348

PROJECT

C-1439/64

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